

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/306,111

DATE: 05/18/1999  
TIME: 10:07:10

Input Set: I306111.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

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1 <110> APPLICANT: Jacobs, Kenneth  
2 McCoy, John M.  
3 LaVallie, Edward R.  
4 Collins-Racie, Lisa A.  
5 Evans, Cheryl  
6 Merberg, David  
7 Treacy, Maurice  
8 Agostino, Michael J.  
9 Steininger II, Robert J.  
10 Bowman, Michael R.  
11 DiBlasio-Smith, Elizabeth  
12 Widom, Angela  
13 Genetics Institute, Inc.  
14 <120> TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM  
15 <130> FILE REFERENCE: GI 6069-74A  
16 <140> CURRENT APPLICATION NUMBER: US/09/306,111  
17 <141> CURRENT FILING DATE: 1999-05-06  
18 <160> NUMBER OF SEQ ID NOS: 180  
19 <170> SOFTWARE: PatentIn Ver. 2.0  
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22 <212> TYPE: DNA  
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31 cagccataag ttaaaaagaa gacaagctga agctacacac atggctgatg tcacattgaa 420  
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43 20 25 30  
44 Glu Glu Pro Pro Thr Asp Asn Gln Asp Ile Glu Pro Gly Gln Glu Arg

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107 <212> TYPE: PRT

108 <213> ORGANISM: Homo sapiens

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115      35              40              45
116 Phe Pro Glu Glu Ala Ile Leu His Asp Ile Ser Ser Asn Val Thr Phe
117      50              55              60
118 Leu Ile Phe Gln Ile His Ser Gln Tyr Gln Asn Thr Thr Val Ser Phe
119      65              70              75              80
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121      85              90              95
122 Leu Val Phe Ile Leu Arg Pro Glu Gln Ser Thr Cys Thr Trp Tyr Leu
123      100             105             110
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125      115             120             125
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127      130             135             140
128 Leu Asp Ile Asp Pro Asn Ile Tyr Leu Glu Tyr Asn Phe Phe Glu Thr
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130 Thr Ile Lys Phe Ala Pro Ala Asn Leu Gly Tyr Ala Arg Gly Val Asp
131      165             170             175
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133      180             185             190
134 Gln Tyr Asp Val Tyr Gln Tyr Phe Leu Pro Glu Asn Asp Leu Thr Glu
135      195             200             205
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139      225             230             235             240
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150	Phe Phe Ile Gly Phe Ile Ile Met Gly Phe Phe Phe Tyr Ile Leu Ile						
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152	Thr Arg Leu Thr Pro Ile Lys Tyr Asp Val Asn Leu Ile Leu Thr Ala						
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154	Val Thr Gly Ser Val Gly Gly Met Phe Leu Val Ala Val Trp Trp Arg						
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156	Phe Gly Ile Leu Ser Ile Cys Met Leu Cys Val Gly Leu Val Leu Gly						
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158	Phe Leu Ile Ser Ser Val Thr Phe Phe Thr Pro Leu Gly Asn Leu Lys						
159	385		390		395		400
160	Ile Phe His Asp Asp Gly Val Phe Trp Val Thr Phe Ser Cys Ile Ala						
161		405		410			415
162	Ile Leu Ile Pro Val Val Phe Met Gly Cys Leu Arg Ile Leu Asn Ile						
163		420		425			430
164	Leu Thr Cys Gly Val Ile Gly Ser Tyr Ser Val Val Leu Ala Ile Asp						
165		435		440			445
166	Ser Tyr Trp Ser Thr Ser Leu Ser Tyr Ile Thr Leu Asn Val Leu Lys						
167		450		455			460
168	Arg Ala Leu Asn Lys Asp Phe His Arg Ala Phe Thr Asn Val Pro Phe						
169	465		470		475		480
170	Gln Thr Asn Asp Phe Ile Ile Leu Ala Val Trp Gly Met Leu Ala Val						
171		485		490			495
172	Ser Gly Ile Thr Leu Gln Ile Arg Arg Glu Arg Gly Arg Pro Phe Phe						
173		500		505			510
174	Pro Pro His Pro Tyr Lys Leu Trp Lys Gln Glu Arg Glu Arg Arg Val						
175		515		520			525
176	Thr Asn Ile Leu Asp Pro Ser Tyr His Ile Pro Pro Leu Arg Glu Arg						
177		530		535			540
178	Leu Tyr Gly Arg Leu Thr Gln Ile Lys Gly Leu Phe Gln Lys Glu Gln						
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183 &lt;211&gt; LENGTH: 3063

184 &lt;212&gt; TYPE: DNA

185 &lt;213&gt; ORGANISM: Homo sapiens

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RAW SEQUENCE LISTING  
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DATE: 05/18/1999  
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236  agaaaaaag gcatgtgcag agaaatcatt cttacccaag taggtttatg tgagaaggta 3000
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239 <210> SEQ ID NO 6  
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241 <212> TYPE: PRT  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I306111.RAW

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5362	W "N" or "Xaa" used: Feature required	gntgacttca atctcctcac cttccaccg
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5514	W "N" or "Xaa" used: Feature required	cnttcgagca ctaagaacgg gacacggta
5526	W "N" or "Xaa" used: Feature required	angagaagtt ctgtgcgtgg gtctggtcg

Input Set: I306111.RAW

Line	? Error/Warning	Original Text
5538	W "N" or "Xaa" used: Feature required	angtcgttct gcaccaggcc tctgtagcg
5550	W "N" or "Xaa" used: Feature required	gntcatctcc agcaccatct ccatcaatg
5570	W "N" or "Xaa" used: Feature required	angttcacat atgatacaag gctctttcc
5582	W "N" or "Xaa" used: Feature required	cnagtagaca gcacaggtag tcggcttga
5594	W "N" or "Xaa" used: Feature required	gngaagcaa tatgaagaaa acaggtcag
5606	W "N" or "Xaa" used: Feature required	anatcaaggt gattaggctc ttccatgca
5618	W "N" or "Xaa" used: Feature required	tntacattca atgcctttgc ttcctgctg
5630	W "N" or "Xaa" used: Feature required	antccatgag accaccctaa actgtccat
5642	W "N" or "Xaa" used: Feature required	gngaggaaaa gtgctctgtg ttgatgtat
5654	W "N" or "Xaa" used: Feature required	antccacctt ctgccatgat taccagct
5666	W "N" or "Xaa" used: Feature required	anccaagatg cagagggtga tgaaggcac
5678	W "N" or "Xaa" used: Feature required	tntaatgcct gaaaagatgt gtgtctcct